

**Section DSM****Touchstone Energy Home****Purpose**

In an effort to improve new residential home energy performance, Big Sandy RECC has designed the Touchstone Energy Home Program. This program provides guidance during the building process to guarantee a home that is  $\geq 15$ -20% more efficient than the Kentucky standard built home. The standard built new home in rural Kentucky typically receives a 100 on the Home Energy Rating System ("HERS") Index. A HERS Index Score of 100 means the home is built to only moderate levels of efficiency- generally the 2004 International Energy Conservation Code ("IECC").

(N)

**Availability**

This program is available to residential members served by Big Sandy RECC.

**Eligibility**

To qualify as a Touchstone Energy Home under Big Sandy RECC program, the participating single-family home must be located in the service territory of Big Sandy RECC and must meet the program guidelines following one of the three available paths of approval. Multi-family dwellings pre-approved by East Kentucky Power Cooperative, Inc. may be eligible.

(N)

**Prescriptive Path:**

- Home must meet each efficiency value as prescribed by Big Sandy RECC.
- Home must receive pre-drywall inspection and complete Big Sandy RECC's pre-drywall checklist (contact the Energy Advisor at Big Sandy RECC for a copy of the checklist)
- Home must receive a final inspection, pass a whole house air leakage test ( $< 7$  air changes per hour @50 pascals), and duct leakage test ( $< 10\%$  of the fan's rated capacity).
- Primary source of heat must be an Air Source Heat Pump  $\geq 14$  Seasonal Energy Efficiency Ratio ("SEER")/8.2 Heating Seasonal Performance Factor ("HSPF") or Geothermal
- Water Heater must be an electric storage tank water heater that is  $\geq .90$  Energy Factor (EF)

**Performance Path Level #1:**

- Home must receive a HERS Index score between 80-85 (15-20% more efficient than the KY standard built home)
- Home must receive pre-drywall inspection and complete Big Sandy RECC's pre-drywall checklist (contact the Energy Advisor at Big Sandy RECC for a copy of the checklist)
- Home must receive a final inspection, pass a whole house air leakage test ( $< 7$  air changes per hour @50 pascals), and duct leakage test ( $< 10\%$  of the fan's rated capacity).
- Primary source of heat must be an Air Source Heat Pump  $\geq 13$  SEER/7.5 HSPF or Geothermal
- Home must pass 2009 IECC performance path.
- Water Heater must be an electric storage tank water heater that is  $\geq .90$  (EF)

DATE OF ISSUE: January 14, 2015

DATE EFFECTIVE: February 14, 2015

ISSUED BY: 

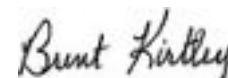
TITLE: President &amp; General Manager

Issued by authority of an Order of the Public Service Commission of Kentucky in  
Case No. \_\_\_\_\_ Dated \_\_\_\_\_

**KENTUCKY**  
**PUBLIC SERVICE COMMISSION**

**JEFF R. DEROUEN**  
**EXECUTIVE DIRECTOR**

TARIFF BRANCH



EFFECTIVE

**2/14/2015**

PURSUANT TO 807 KAR 5:011 SECTION 9 (1)

**Section DSM**

**Touchstone Energy Home (continued)**

**Performance Path Level #2:**

- Home must receive a HERS Index score of  $\leq 79$  (At least 21% more efficient than the KY standard built home)
- Home must receive pre-drywall inspection and complete Big Sandy RECC's pre-drywall checklist. (contact the Energy Advisor at Big Sandy RECC for a copy of the checklist)
- Home must receive a final inspection, pass a whole house air leakage test ( $< 7$  air changes per hour @50 pascals), and duct leakage test ( $< 10\%$  of the fan's rated capacity).
- Primary source of heat must be an Air Source Heat Pump  $\geq 13\text{SEER}/7.5\text{HSPF}$  or Geothermal
- Home must pass 2009 IECC performance path.
- Water Heater must be an electric storage tank water heater that is  $\geq .90$  (EF)

(N)

**Prescriptive Path Incentive**

Big Sandy RECC will provide an incentive of \$750 to residential members that build their new home to meet the requirements of the Prescriptive Path as listed above.

**Performance Path Level #1 Incentive**

Big Sandy RECC will provide an incentive of \$250 to residential members that build their new home to meet the requirements of the Performance Path Level #1 as listed above.

**Performance Path Level #2 Incentive**

Big Sandy RECC will provide an incentive of \$750 to residential members that build their new home to meet the requirements of the Performance Path Level #2 as listed above.

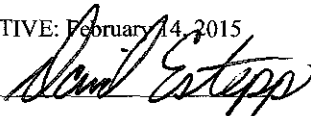
**Term**

The program is an ongoing program.

DATE OF ISSU : January 14, 2015

DATE EFFECTIVE: February 14, 2015

ISSUED BY



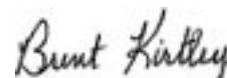
TITLE: President & General Manager

Issued by authority of an Order of the Public Service Commission of Kentucky in  
Case No. \_\_\_\_\_ Dated \_\_\_\_\_

**KENTUCKY  
PUBLIC SERVICE COMMISSION**

**JEFF R. DEROUEN  
EXECUTIVE DIRECTOR**

**TARIFF BRANCH**



**EFFECTIVE**

**2/14/2015**

**PURSUANT TO 807 KAR 5:011 SECTION 9 (1)**